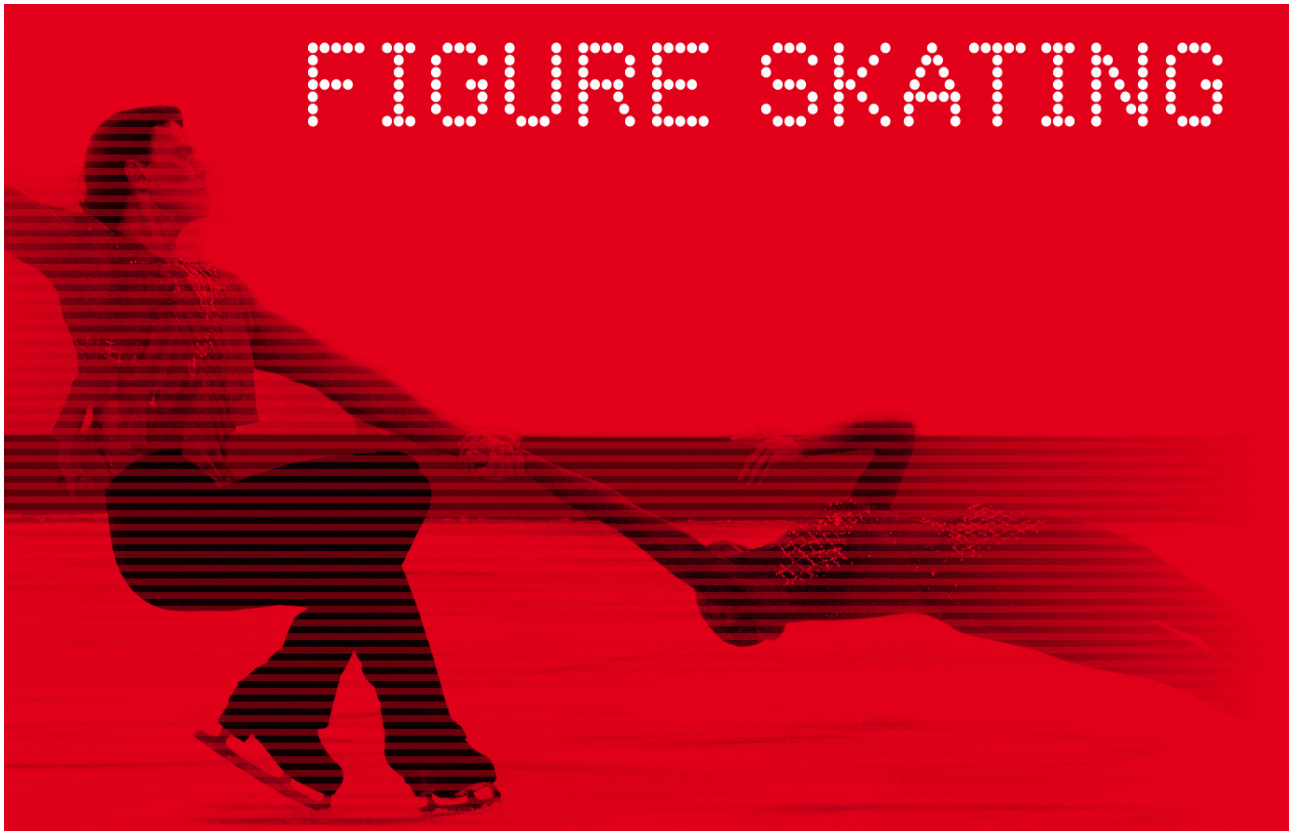
SWISS TIMING

FIGURE SKATING



ISUSCORE2FS

Figure Skating

User Manual

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Documentation Updates
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1 INTRODUCTION

About This Document

This document describes the operation of ISUScore2FS. Settings details are specified in the Quick Reference Guide.

Associated Documents

- FS Quick Reference Guide
- FS ISUCutterFS Manual
- FS ISUCalcFS Manual

About the ISUScore2FS application

This application is part of the ISU Judging System and can be run in 2 different modes: one is the Expert mode, and the second is the Judges mode.

ISUScore2FS is the Scoring part of the ISU Judging System. It provides features to easily enter elements of the current skating performance. Data are then sent to the Judges terminals. Entries can be corrected and deleted. If the Video Replay is used, elements can be reviewed after the performance. The application also manages the communication of the entire Scoring system with the ISUCalcFS results software.

2 SYSTEM REQUIREMENTS

2.1 Minimum Requirements

- Pentium III (1 GHz) or better, AMD processor 1 GHz, Pentium-M processor 1.4 GHz or better, AMD-M processor
- Microsoft® Windows® XP or higher
- 1 GB RAM or more
- VGA 1024x768 - DirectX9 installed
- At least 10 GB HDD
- 100 Mbit network connection
- Graphics card or good performing onboard chip (some NVIDIA/Intel onboard chips are not recommended)

2.2 Hardware Recommendations

We recommend using a basic notebook or PC with a Pentium IV or Pentium-M or AMD processor (see ISUCutterFS Manual).
The system is tested on Windows 7 and Windows XP operating systems.

3 INSTALLATION OF ISUSCORE2FS

To set up the programs, the ISUScore2FS package is required that is found on the website www.isujudingsystem.com.

1. Select the language to use during the installation:

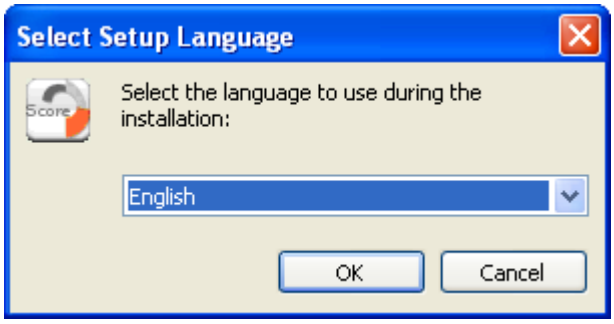


Figure 1 - Setup set language

2. Run the setup the following window is opened:

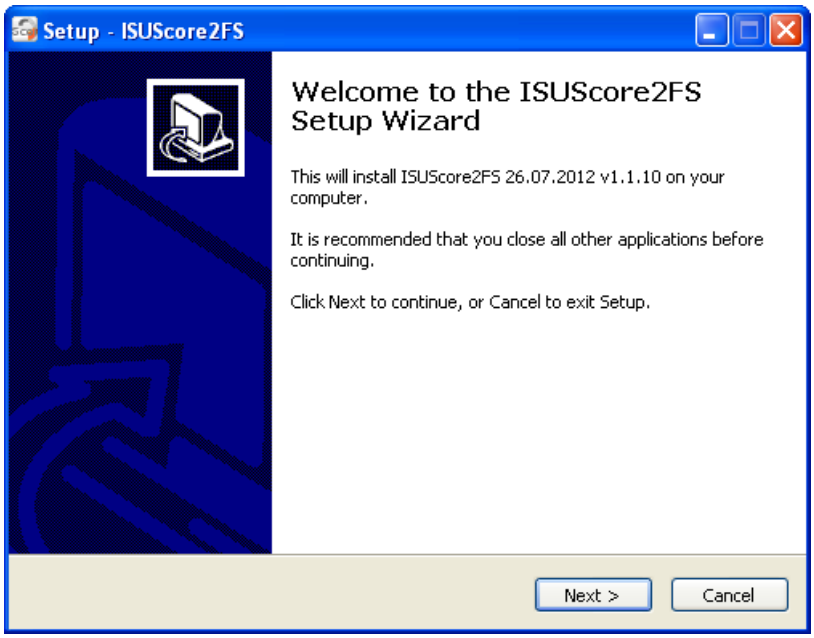

Setup - ISUScore2FS
Welcome to the ISUScore2FS Setup Wizard
This will install ISUScore2FS 26.07.2012 v1.1.10 on your computer.
It is recommended that you close all other applications before continuing.
Click Next to continue, or Cancel to exit Setup.
Next >
Cancel

Figure 2 - Setup opening screen

3. Click [Next].

The next screen is a license agreement. Agree to the license agreement and click [Next] to continue.

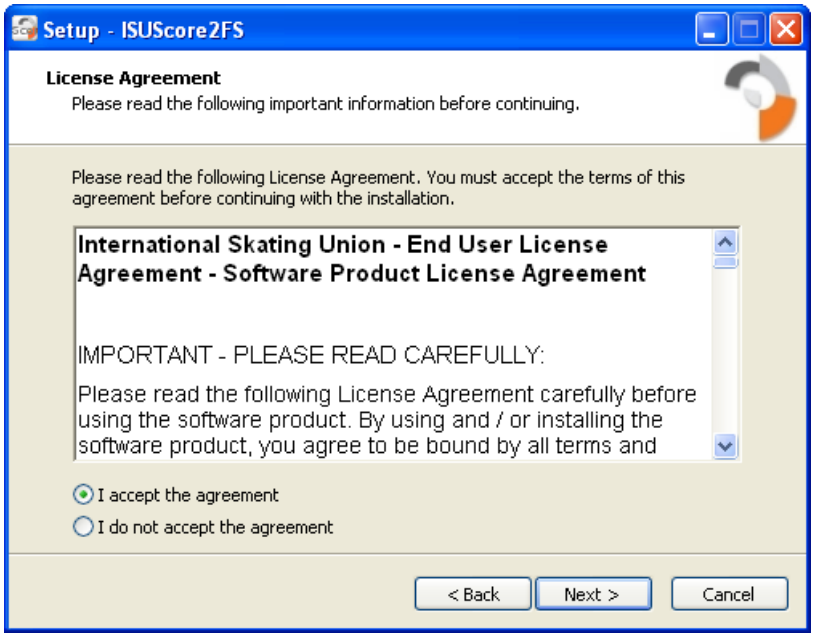

Setup - ISUScore2FS
License Agreement
Please read the following important information before continuing.
Please read the following License Agreement. You must accept the terms of this agreement before continuing with the installation.
International Skating Union - End User License Agreement - Software Product License Agreement
IMPORTANT - PLEASE READ CAREFULLY:
Please read the following License Agreement carefully before using the software product. By using and / or installing the software product, you agree to be bound by all terms and
I accept the agreement
I do not accept the agreement
< Back
Next >
Cancel

Figure 3 - Enter License Agreement

4. Please read carefully. Select [Next] and follow the Setup Wizard.

Select which ISUScore2FS component you want to install. For the Expert, select Expert SD version, or if you want to install ISUScore2FS on a Judges Terminal, select Judge SD version.

If you wish to use video replay, select Cutter to install ISUCutterFS program. Please note that ISUCutterFS needs to be run on a separate PC. It is an application to cut, save and manage video recordings. For details, refer to the ISUCutterFS Manual.

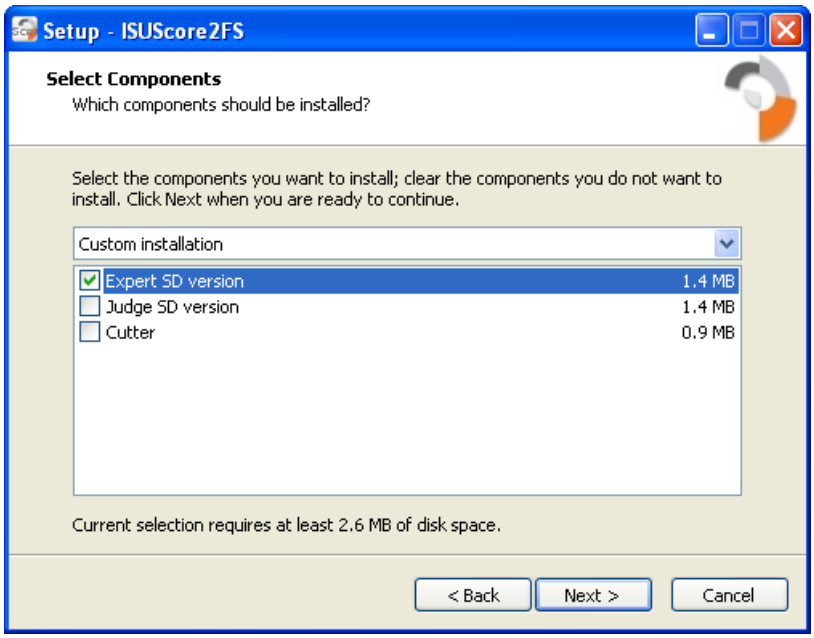

Setup - ISUScore2FS
Select Components
Which components should be installed?
Select the components you want to install; clear the components you do not want to install. Click Next when you are ready to continue.
Custom installation
Expert SD version 1.4 MB
Judge SD version 1.4 MB
Cutter 0.9 MB
Current selection requires at least 2.6 MB of disk space.
< Back
Next >
Cancel

Figure 4 - Enter custom installation

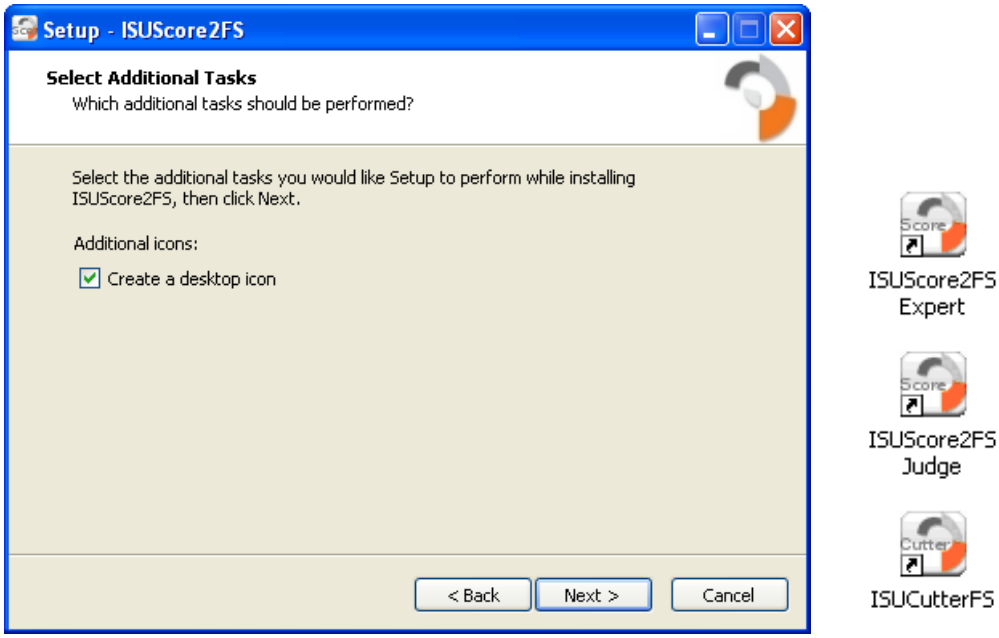

Setup - ISUScore2FS
Select Additional Tasks
Which additional tasks should be performed?
Select the additional tasks you would like Setup to perform while installing ISUScore2FS, then click Next.
Additional icons:
Create a desktop icon
< Back
Next >
Cancel
ISUScore2FS Expert
ISUScore2FS Judge
ISUCutterFS

Figure 5 - Select Additional icons - create desktop icons

5. Confirm with [Next] or return to the previous pages in order to modify the settings. The installation process starts.

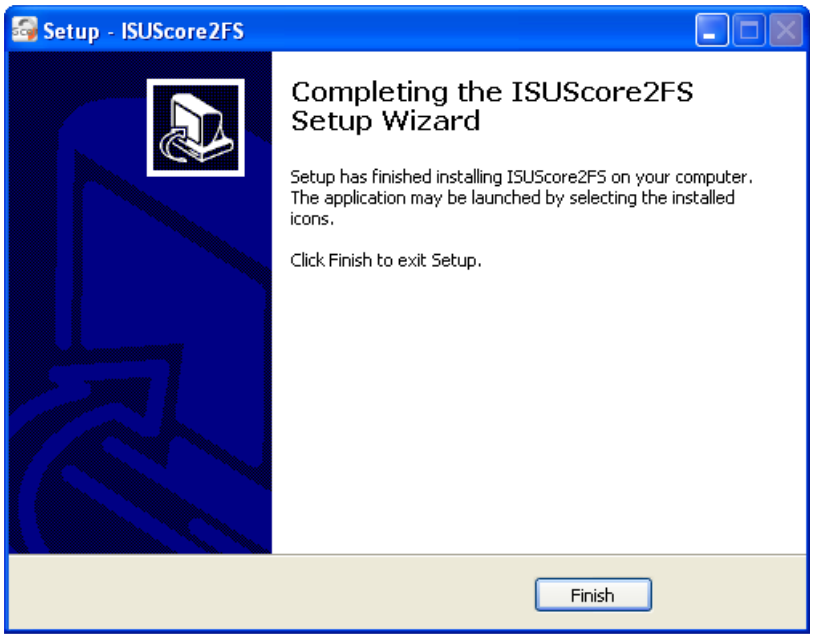

Setup - ISUScore2FS
Completing the ISUScore2FS Setup Wizard
Setup has finished installing ISUScore2FS on your computer. The application may be launched by selecting the installed icons.
Click Finish to exit Setup.
Finish

Figure 6 - Click Finish to exit the setup

6. Once the installation is finished, you are ready to start working.

4 MENU STRUCTURE

Once you have installed ISUScore2FS, the following screen is opened when you start ISUScore2FS:

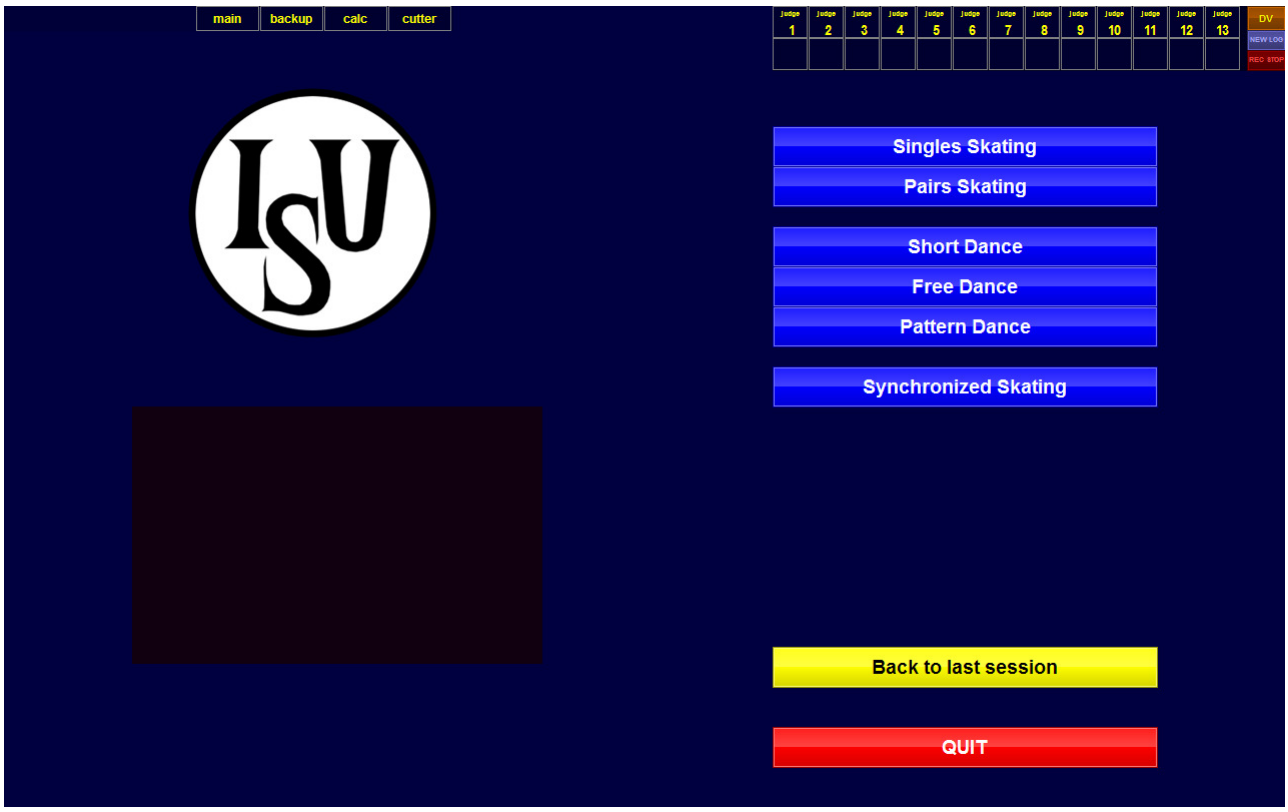


Figure 7 - ISUScore2S Opening Screen

You can choose the following commands:

4.1 Main

Click [main] in the main menu bar, if this PC is supposed to be used as the main system. If the connection is established properly, the button is marked green (see Figure 8).

Figure 8 - ISUScore2S main system

4.2 Calc connection

The [calc] field shows if ISUCalcFS is connected to the Expert. Green indicates a proper connection, while red indicates a disconnected ISUCalcFS PC.
ISUCalcFS is the program for the calculation of Figure Skating competitions by the rules defined by the International Skating Union (ISU). Its windows-based user interface lets you edit multiple competitions in one database.

4.3 Cutter connection

The [cutter] field shows if an ISUCutterFS is connected to the Expert. Green indicates a proper

connection, while red indicates a disconnected Cutter.
The Cutter application processes the video signal of a DV camera and saves the complete performance of a Skater. Supported by the Caller, the operator sets the Trim In / Trim Out marks for the individual elements. These marks are then sent to the Judges terminals.
This application provides an easy to handle option to review and replay the performance elements. Trim In and Trim Out marks can be modified, replaced and deleted as desired.

4.4 Judge commands

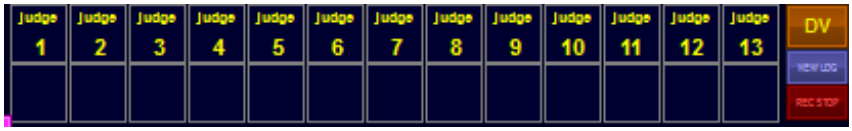


Figure 9 - ISUScore2FS - Judge1 to 13 buttons

Judge 1 to 13 shows if these judges are connected to the Expert. Green indicates a proper connection, while red indicates a disconnected Judge. It shows also, if the judge has sent its marks or if help is needed. By pressing the lower field of the judge panel, a 'Hurry Up' message is sent to the judge.

4.5 DV command

Figure 10 - ISUScore2FS - DV button

If a DV device is connected to the Expert and the video screen remains black, you can re-initialize the video with this command.

4.6 NEW LOG command

Figure 11 - ISUScore2FS - NEW LOG button

The Expert logs all incoming and outgoing messages in a text file. To avoid that the hard drive is running out of storage space, please use this command from time to time to delete these log files.

4.7 REC STOP command

Figure 12 - ISUScore2FS - NEW LOG button

The video processing is usually done by ISUCutterFS. However, if there is any problem with a recording and the Expert cannot receive the stop command from the Cutter, then you can press this button to manually stop the recording to avoid that the hard drive is running out of storage space.

4.8 ISUScore2FS Figure Skating segments

Figure 13 - ISUScore2FS - skating segment buttons

5 RUNNING THE COMPETITION

5.1 Expert

Click the skating segment (see Figure 13) or start an event with the connected ISUCalcFS. For example, if you start 'Short Dance' – below screen appears.
Note that certain elements of the screen may (depending on the competition and the settings made) differ from this one, but the basic layout is the same.

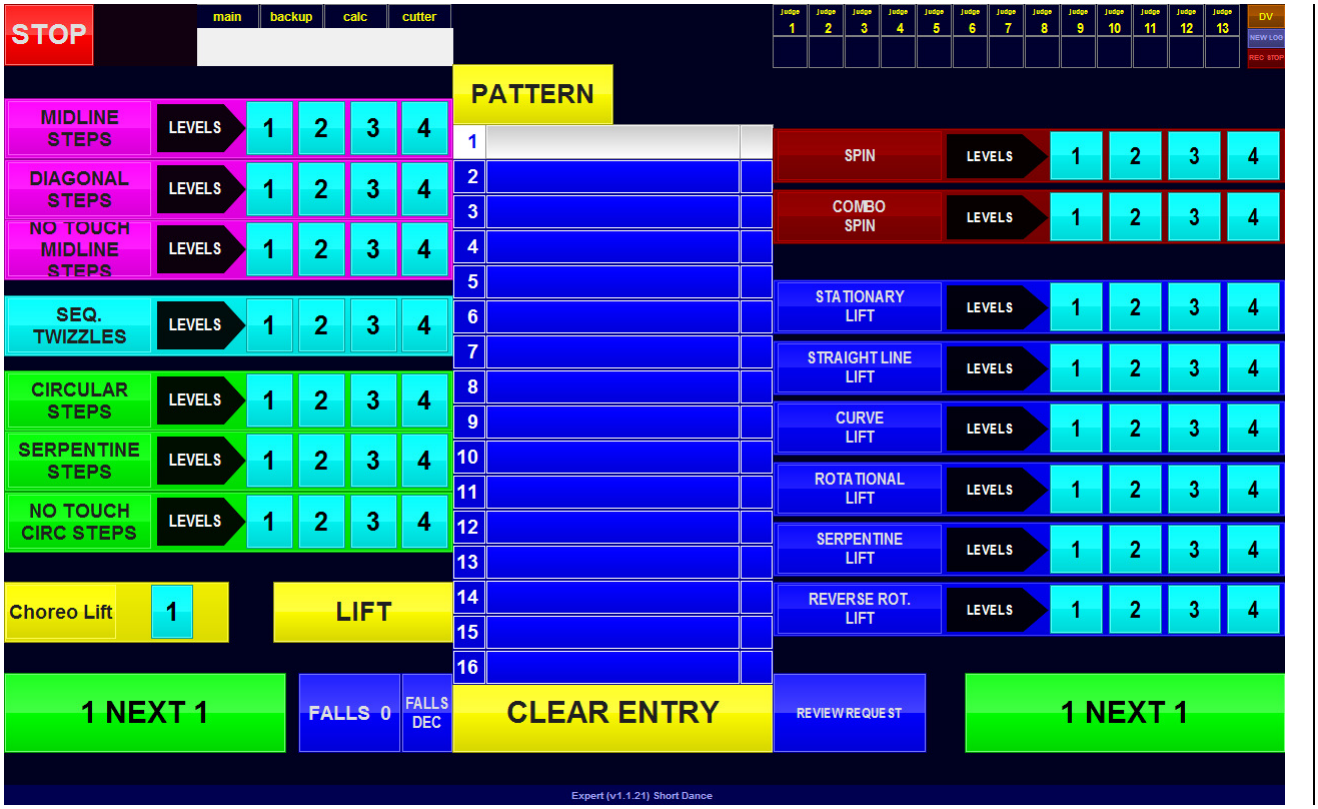


Figure 14 – Expert Screen – Short Dance

Figure 15 – Expert Screen - Pairs

The right upper part of the screen indicates connections and help requests of the Judges (see section Judge).

Figure 16 - Connection indicator

Green – Connection
Red – No connection
Yellow – Judge requests help

The second line can be used to send a “Hurry up” message to the Judges.
Click on the corresponding Judge who is to receive the message. The corresponding field is highlighted yellow, and the Judge receives a message on his screen.

Once the corresponding Judge has selected [Send marks] (see section Judge), the corresponding field on the Expert screen is switched back to green.

When the Expert confirms the help request by clicking on this button again, it becomes green again (see also section Judge).

The upper left part of the window indicates the connection to ISUCalcFS and (if applicable) to ISUCutterFS.

Red – No connection
Green – Connection

When the Skater is performing, enter the elements using the corresponding buttons. Elements are then indicated in the central part of the screen. Select the [Next] button to enter the next element.

Note: We strongly recommend selecting the [Next] button after each element to ensure that all elements are sent to ISUCalcFS.
In addition, the elements are verified in this step. Invalid elements are marked with '*'.

The [Clear entry] button deletes the element in the current line. Use [Review request] to mark the current element. This mark is used as reminder to review the element in the video replay.

[Deductions] opens the input screen for deductions (see Figure 17).

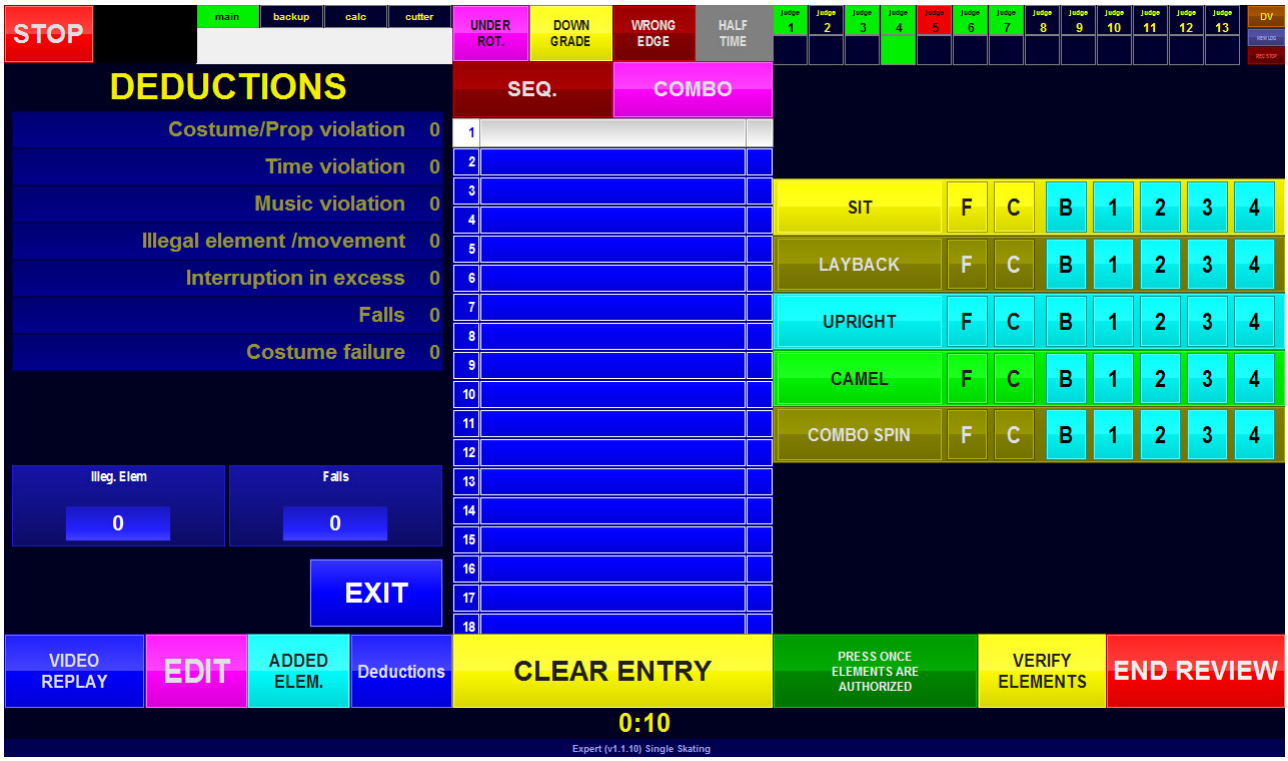


Figure 17 - Deduction window

If a Referee is entered in the Expert configuration, the Referee can enter certain deductions. Otherwise, only the Expert can enter deductions.

Note: Illegal elements and falls are always entered by the Expert.

The deduction window is closed using the [Exit] button.

Once the input of elements is finished, select the [Stop] button. Some of the buttons become inactive.

Figure 18 - Elements entry finished

Now, elements can only be edited or deleted using the [Edit] button. [Added elements] allows the Expert to add an element. If available, [Video Replay] switches to the video replay mode.

If you have finalized the input and editing of elements, click [Press once elements are authorized]. The button is then labeled Elements authorized.

The Judges receive a message on their screen that the elements are authorized (see Figure 24).

Further entries are unnecessary, as the system is controlled by ISUCalcFS. ISUCalcFS now prepares the next Skater.

5.2 Judge

1. Double click the ISUScore2FS Judge desktop shortcut (see Figure 19).

Figure 19 - Desktop shortcut for ISUScore2FS Judge

2. The following screen appears:

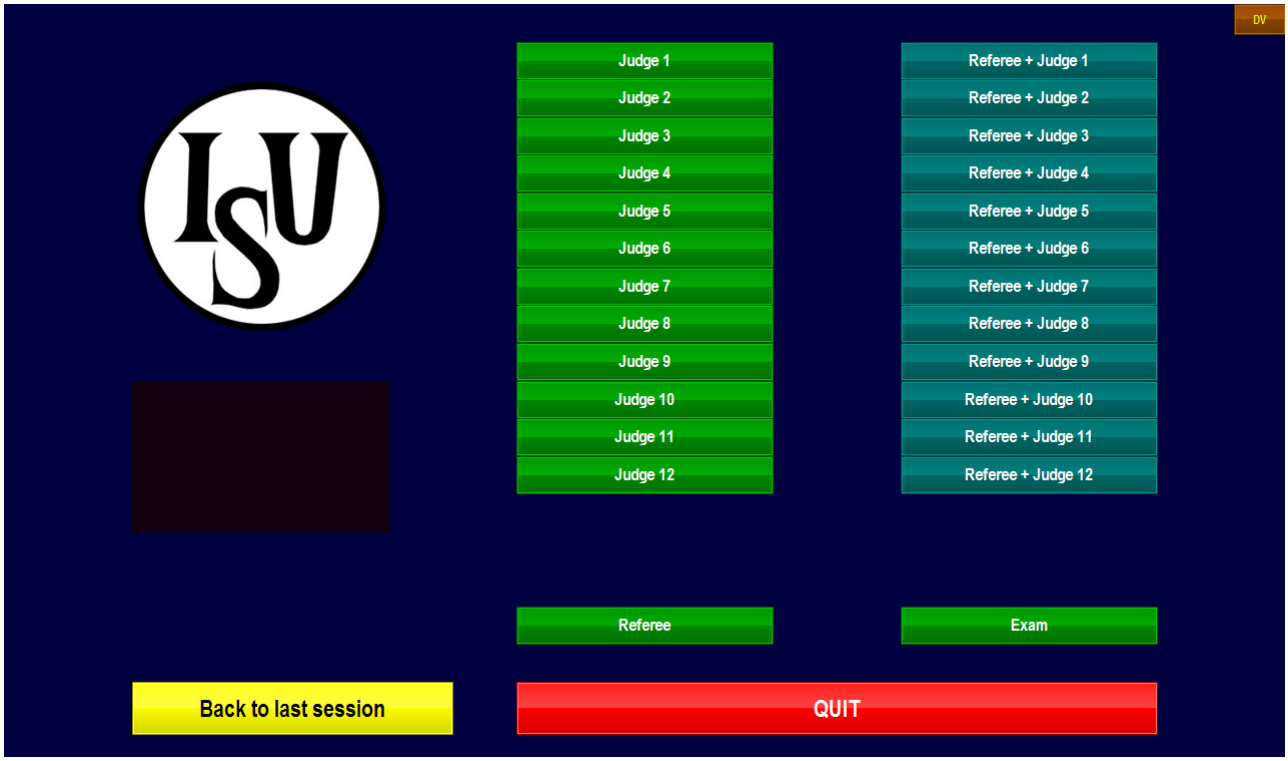


Figure 20 - Basic layout of judges screen

The basic Judges screen shows the green Judges column for the main system on the left side. The right part provides a feature to define that a selected Judge also works as Referee.

If Judge does not connect to the Expert, please check your hardware and network settings.

If the problem still exists, you can manually connect by clicking the

button. An input dialog appears where you can enter the IP address followed by ':' and the port number. For further details, please refer to the Quick Reference Guide.

Select the Judges position by clicking the corresponding judge number button.

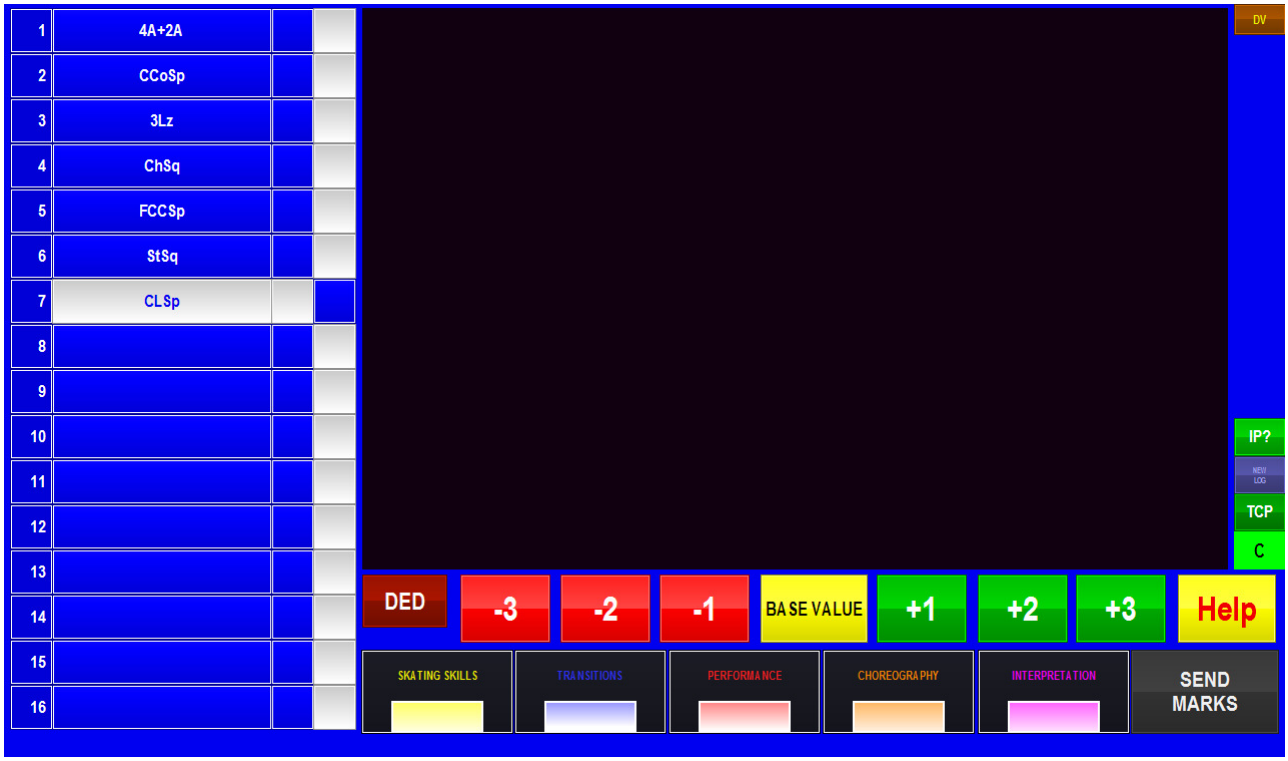


Figure 21 - Judge screen after selection of Judge button

The left part of the screen shows all elements entered by the Expert. (Note that above screen already contains elements). The field right beside the elements displays the score entered for these elements.

The right part of the window is the video screen that can be used to view video sequences of the individual elements. Select the element you want to review. Note that the video replay is only available if a video hardware is correct installed and running.

Right beside the video screen is the connection status indicator for the connection to the Expert: green – connection ok, red – no connection. The TCP button is used to reconnect to the Expert. The Log Clean clears the log. IP can be used for directly addressing the Expert.

Below the video screen is the field to score the technical elements with a range of -3 to +3. Right beside the scoring field is the [Help] button to call the Expert for help, if necessary. If you call for help, your individual Judge number starts flashing in the right upper corner of the Expert screen (see section 5.1 Expert). The [Help] button on the Judges screen is highlighted red.

Below the scoring field is the field to score the components. Click in the corresponding field (or touch the corresponding field, if you are working on a touch screen terminal). The following screen is opened (As an example, we have selected Skating Skills):

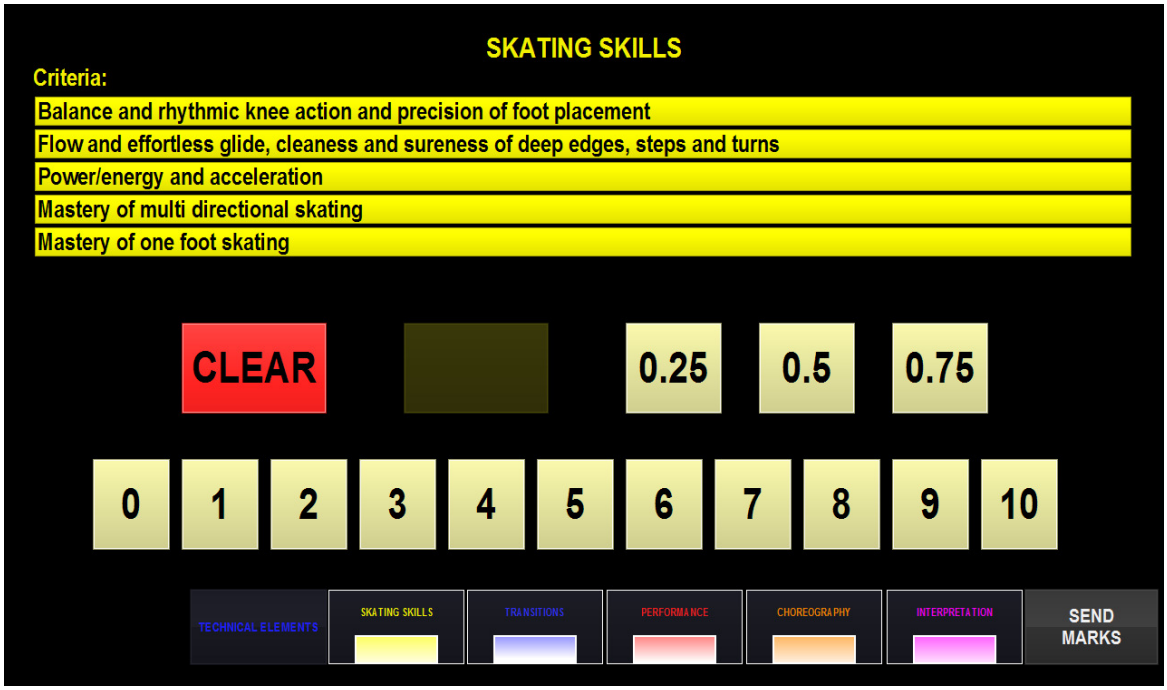


Figure 22 - Component score

For reference purposes, this screen provides an overview on the most important criteria of the selected component. Now enter the score for the selected component by selecting the buttons [0] – [10] and [0.25] to [0.75]. You can delete your entry by selecting the [Clear] button. Return to the technical elements by clicking [Technical Elements] button.

Now select Transition and all other components and follow the steps described above.

If the Referee / Expert has entered a deduction, the Judges can check the deductions selecting the [DED] button. The following screen is opened:

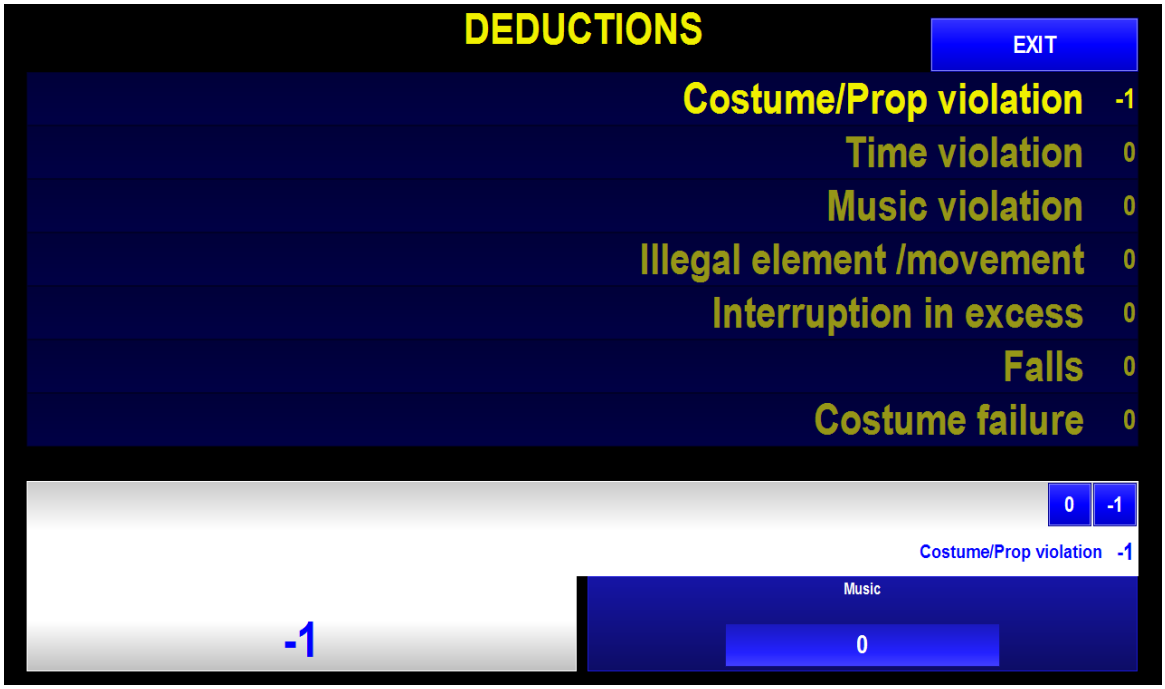


Figure 23 - Deductions field at Judges Terminals

Judges can only check the deductions. They are not allowed to modify the deductions.
Select the [Exit] button to return to the previous screen.

When the Expert has authorized the elements (see section 5.1 Expert), the Judges screen indicates that the elements are authorized. When you have finished entering the score, select the [Send Marks] button. The button is then labeled [Marks sent] and becomes highlighted green:

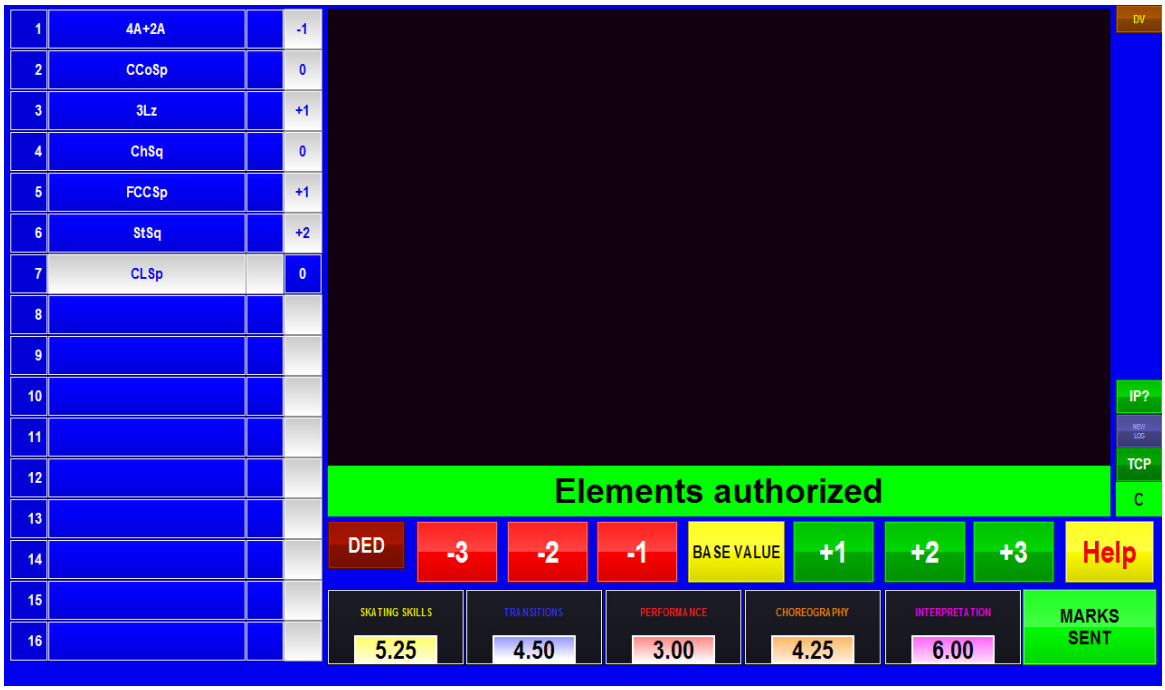


Figure 24 - Elements authorized

5.3 Referee

The screen of the Referee is basically the same as for the Judges (see Figure 21).
Follow the instructions for the scoring of elements as described in section 5.2 Judge.

To select the Referee, click

button (see Figure 20).

6 OPERATOR CHECKLISTS

6.1 Expert Competition Checklist

1. On desktop, double-click the shortcut for ISUScore2FS Expert.
2. Check if all Judges are connected properly.
3. Enter performed element and confirm with [Next].
4. Enter deductions, if no Referee is set up.
5. Select [Stop] when the Skater has finished the performance.
6. If necessary, edit / delete or add elements.
7. Authorize elements.

6.2 Referee Competition Checklist

1. Select [

] button or for example [

] button on Judge main screen, if the selected Judge is supposed to also work as Referee (see Figure 20).
2. Enter component and elements score.
3. Enter deductions.
4. Select [Send marks].

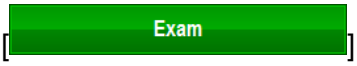
6.3 Judge Competition Checklist

1. Double click the shortcut for ISUScore2FS Judge (see Figure 19).

1. Select for example [

] button (see Figure 20).
2. Check if you are properly connected to the Expert PC.
3. Enter component and elements score.
4. Select [Send marks].

6.4 Exam Competition Checklist

1. Select [

] button on main screen (see Figure 21)

7 APPENDIX

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7.2 Versions

Version	Date	Modifications since last version
1.0	03/01/2005	Initial Version
2.0	19/01/2006	Update
2.1	20/05/2011	Layout changes
3.0	06/08/2012	Update ISUScore2FS Version 1.1.11 dated 06.08.2012
3.1	03/12/2012	Updated screenshots and settings

NOTES

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